

81. The expression vector of claim 79 wherein said nucleic acid sequence has the nucleotide sequence of bases 129 through 1187 of SEQ ID NO: 1

82. A host cell transformed to express a protein or peptide encoded by the nucleic acid sequence of claim 76.

83. A host cell transformed to express a protein or peptide encoded by the nucleic acid sequence of claim 77.

84. A host cell of claim 59 wherein said host cell is *E. coli*.

85. Purified Japanese cedar pollen allergen *Cry j I* or at least one antigenic fragment thereof produced in a host cell transformed with the nucleic acid sequence of claim 77.

86. Purified Japanese cedar pollen allergen of claim 57 wherein said Japanese cedar pollen allergen binds immunoglobulin E to a substantially lesser extent than purified native Japanese cedar pollen allergen binds said immunoglobulin E.

87. A protein preparation comprising chemically synthesized Japanese cedar pollen allergen *Cry j I* or at least one fragment thereof.

88. An isolated antigenic fragment of an allergen from Japanese cedar pollen.

89. The antigenic fragment of claim 88 wherein said allergen from Japanese cedar pollen is *Cry j I*.

90. The antigenic fragment of claim 89 wherein said antigenic fragment comprises at least one T cell epitope.

91. The antigenic fragment of claim 90 wherein said antigenic fragment has minimal immunoglobulin E stimulating activity.

92. The antigenic fragment of claim 90 wherein said antigenic fragment does not bind immunoglobulin E specific for Japanese cedar pollen or if binding of the fragment to said immunoglobulin E occurs, such binding does not result in histamine release from mast cells or basophils.

93. The purified allergen or antigenic fragment of claim 60 wherein said purified allergen or said antigenic fragment is capable of modifying, in a Japanese cedar pollen-sensitive individual to which it is administered, the allergic response to Japanese cedar pollen.

94. The antigenic fragment of claim 89 wherein said allergen from Japanese cedar pollen is *Cry j I*.

95. The purified allergen or antigenic fragment of claim 93 wherein said purified allergen or said antigenic fragment is capable of modifying B-cell response of the individual to a Japanese cedar pollen allergen, T-cell response of the individual to a